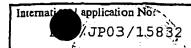
## INTERNATIONAL SEARCH REPORT

	SIFICATION OF SUBJECT MATTER C1 G11B7/24, 7/26				
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum d Int.	ocumentation searched (classification system followed C1 <sup>7</sup> G11B7/24, 7/26	by classification symbols)			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922—1996 Toroku Jitsuyo Shinan Koho 1994—2004 Kokai Jitsuyo Shinan Koho 1971—2004 Jitsuyo Shinan Toroku Koho 1996—2004					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.		
Α .	JP 2002-352472 A (Matsushita Co., Ltd.), 06 December, 2002 (06.12.02), Full text; all drawings (Family: none)	Electric Industrial	1-11		
A	JP 2002-74748 A (Raitoku Kag Koshi), 15 March, 2002 (15.03.02), Full text; all drawings (Family: none)	ri Kofun Yugen	1-11		
	JP 8-69636 A (Ricoh Co., Ltd 12 March, 1996 (12.03.96), Full text; all drawings (Family: none)	1.),	1-11		
× Furth	er documents are listed in the continuation of Box C.	See patent family annex.			
Special categories of cited documents:  "A" document defining the general state of the an which is not considered to be of particular relevance earlier document but published on or after the international filing date earlier document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search O1 April, 2004 (01.04.04)  "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family  Date of mailing of the international search report 20 April, 2004 (20.04.04)					
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			
Facsimile No.		Telephone No.			

## INTERNATION SEARCH REPORT



C	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Category*		<u>.                               </u>
A	JP 11-339332 A (Toray Industries, Inc.), 10 December, 1999 (10.12.99), Full text (Family: none)	1-11
A	<pre>JP 2002-144736 A (Matsushita Electric Industrial Co., Ltd.), 22 May, 2002 (22.05.02), Example 6 &amp; EP 1187119 A2 &amp; US 2002/54983 A1</pre>	1-11
A	EP 1172811 A2 (Matsushita Electric Industrial Co., Ltd.), 16 January, 2002 (16.01.02), Full text; all drawings  © JP 2003-16687 A	1-11
	JP 2001-243655 A (Matsushita Electric Industrial Co., Ltd.), 07 September, 2001 (07.09.01), Full text; all drawings & US 2001/5350 A1	1-11
A	JP 9-293270 A (Pioneer Electronic Corp.), 11 November, 1997 (11.11.97), Par. No. [0028] & US 6009070 A	1-11
A	JP 10-83570 A (NEC Corp.), 31 March, 1998 (31.03.98), Full text; all drawings (Family: none)	1-11